



What is AQUAGRI-KNOW?

AQUAGRI-KNOW is a three-year, EU-funded project focused on improving water management in European agriculture. By collaborating with 12 EIP-AGRI Operational Groups (OGs)—partnerships of farmers, researchers, and advisors—the project promotes innovative practices and bridges the gap between research and on-farm implementation.

Why AQUAGRI-KNOW?

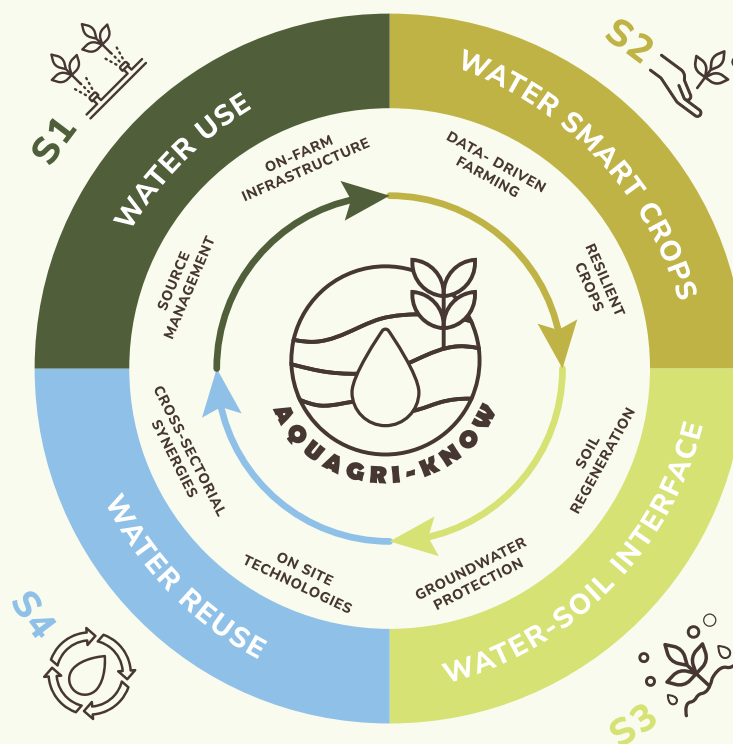
European water resources are under increasing pressure from climate change and inefficient governance, with agriculture accounting for up to 60% of freshwater use. **AQUAGRI-KNOW** addresses the growing challenges of water scarcity and quality by supporting farmers in adapting to climate change and helping to secure long-term water resilience in agriculture.

Strategic Focus – The Circular Water Value Chain

The project is structured around 4 core strategies to optimise water use on farms:

Key facts and figures

DURATION IN MONTHS	36
COUNTRIES INVOLVED	5
BUDGET	€1.99M
PARTNERS	12
AFFILIATED ENTITIES	1
OPERATIONAL GROUPS	12



Partner-led OG strategies

SPAIN

UVIC-UCC. BETA TECHNOLOGICAL CENTER OF THE UNIVERSITY OF VIC. **S4**

BELGIUM

UGent. GHENT UNIVERSITY. **S1-S4**
INAGRO. INAGRO **S1**

ITALY

CREA. COUNCIL FOR AGRICULTURAL RESEARCH AND ECONOMICS **S1**
HORTA. HORTA. **S2-S3**

POLAND

IUNG-PIB. INSTITUTE OF SOIL SCIENCE AND PLANT CULTIVATION. **S2**
CDR Brwinów. AGRICULTURAL ADVISORY CENTER IN BRWINÓW. **S3**

CYPRUS

AGTIV. AGROTECH INNOVATIONS **S3**

How will AQUAGRI-KNOW achieve its goals?



AQUAGRI-KNOW follows a **five-step methodology** designed to **transform technical knowledge into actionable solutions** for on-farm water management across the EU.

1. Collection & Homogenisation

This step systematically compiles the knowledge generated by the 12 OGs, and other related projects.



- Mapping innovative water-use practices across the circular water value chain
- Assessing data quality, sustainability, and cost-efficiency of outcomes
- Organising results into a Data Warehouse, which becomes the knowledge foundation for other project activities

2. Co-creation & Alignment

This phase ensures that OG outputs respond to real-life challenges faced by farmers, as well as broader EU water policies.



- Mapping stakeholders and relevant policy frameworks
- Hosting Regional Social Lab (RSL) dialogues in five countries to gather feedback
- Identifying legal, economic, and territorial barriers to innovation
- Pinpointing urgent gaps and opportunities to tailor future materials

3. Translation & Adaptation

This step converts technical outcomes into accessible materials for farmers, advisors, and trainers.



- Practice Abstracts (aligned with EU CAP Network and EU-FarmBook)
- Interactive Booklets with dynamic features
- Massive Online Open Course (MOOC) for Young Farmers to support lifelong learning
- Upgraded Decision Support Systems (DSS) for real-world farm application

4. Knowledge Sharing & Exchange

Partners lead the dissemination of knowledge generated by the project across Europe and beyond.



- Setting up a Synergy Action Plan
- Participating in relevant external initiatives, workshops, and agri-networks
- Setting up a Community of Thematic Networks and an EU-level Focus Group on Efficient Water Management

5. Interconnection & Widening

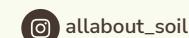
All partners aim to scale up the knowledge exchange between geographies and actors.



- Setting up the AQUAGRI-KNOW Ambassadors Programme, aimed to select relevant actors to exchange knowledge and act as advocates of the OG outcomes
- Organising cross-visits in each member state to strengthen collaboration
- Enabling cross-fertilisation through mentorship and upscaling support via the Ambassador's Suitcase and Thematic Roadmaps



Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Research Executive Agency (REA). Neither the European Union nor the granting authority can be held responsible for them.



Find our newsletter

